

MINIPREP FOR DNA PREPARATION

- 1) INOCULATE CLONES INTO 3.0 mL OF LB MEDIA OVERNIGHT AT 37 DEG.
- 2) THE FOLLOWING DAY LIFT 15 mL STERILE EPPENDORF TUBES TO CAP BE USED.
- 3) FIL 3/4 OF EACH TUBE WITH THE CULTURE, BACTERIA CLOSE THE CAP.
- 4) SPIN TUBES USING THE EPPENDORF CENTRIFUGE FOR ONE MINUTE AT 6000 RPM.
- 5) DECAN THE SUPERNATANT, LEAVING A LITTLE BIT IN THE TUBE.
- 6) RESUSPEND THE PELLET BY VORTEXING.
- 7) ADD 120 μ lICRO T-SOLUTON. MIX GENTLY BY INVERTING THE TUBES, DO NOT VORTEX.
- 8) KEEP THE TUBES IN BOILING WATER FOR EXACTLY 1 MINUTE AND THEN IMMEDIATELY TRANSFER THE TUBES TO A BLICKER OF ICE.
- 9) KEEP THE TUBES IN ICE FOR 5 MINUTES.
- 10) SPIN THE TUBES IN THE MICROFUGE FOR 5 MINUTES AT THE HIGHEST SPEED.
- 11) USING A STERILIZED TOOTHPICK, PICK UP THE TUBES BY THE PRECIPITATE AND DISCARD IT, LEAVING THE SUPERNATANT BEHIND.
- 12) ADD 120 μ lICRO T-SOLUTON (same quantity as the STEL-T solution) AND KEEP ON ICE FOR 5 MINUTES.
- 13) SPIN FOR 5 MINUTES IN THE MICROFUGE AT THE HIGHEST SPEED. (12,1000 RPM)
- 14) DECANT THE SUPERNATANT AND LEAVE THE TUBES TO AIR DRY IN AN INVERTED POSITION.
- 15) BASED ON THIS STEP, YOU MAY ADD 200 μ lICRO L OF 10% ALCOHOL WITHOUT DISTURBING THE PELLET AND ALLOW TO DRY AS BEFORE.
- 16) ISOLATE THE PELLET IS DRY, WHICH CAN BE MADE OUT BY THE POWDERY APPEARANCE OF THE PELLET, RESUSPEND IT IN 60 μ lICRO L OF TE WITH NAME.
- 17) THESE DNA CAN BE FROZEN AT -20 DEGREES CELSIUS IF REQUIRED.
2 mlICRO L OF RNAase (20 mg/ml) IN 1 mlICRO L
- 18) WORKING SOLUTION OF TE WITH RNAse

24/2/94

13/10/Tube

140ml 160

14/10/84

18.2/10 10-155A

16x16 18.2/10 16x16

9.5ml 160

1/15 841

13/10 10-155A

14/10 16-153

2) ACS 841-0.15A

↑

24/2

↑

2ml ACS (1/15)

3ml 12

3ml 150

2ml ACS (1/15)

→ 10% CO₂, 11% H₂O, 78% air

24/2/94

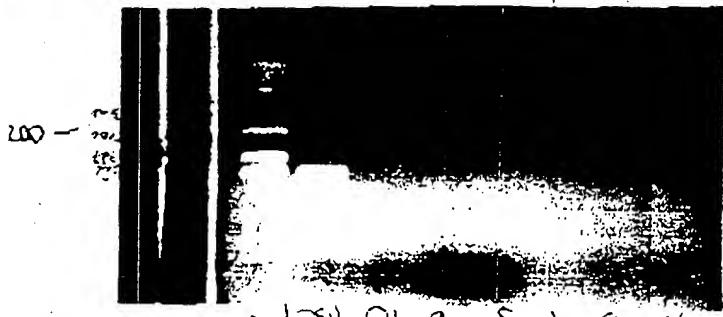
TGCO₂ → 100 = 24/2 160 +

100 ml ACS

16x16 16x16 10x16

1-12 → 25ml + 3ml 10x16 + 0.3ml 100x155 = 100 ml

1) 841-0.15A in 30ml



1345 - 10:00 AM
AS/IC DNA

10/24/94

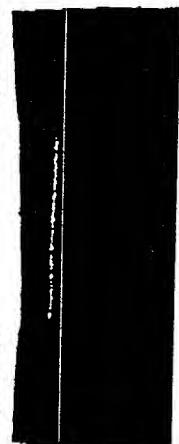
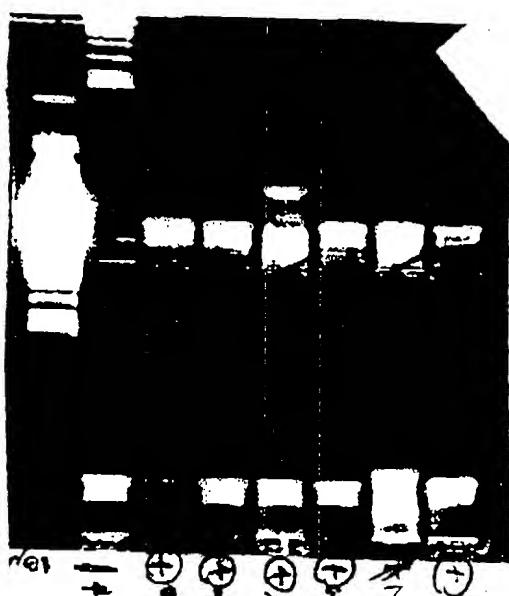
AS/IC DNA
10/24/94
10x848
4x8
100
4x8
100
4x8
100
4x8
100
4x8
100

AS/IC DNA 10/24/94 10:00 AM + 100 mm distance along with 100 mm

AS/IC DNA 10/24/94 10:00 AM + 100 mm distance along with 100 mm



AS/IC DNA 10/24/94 10:00 AM + 100 mm distance along with 100 mm



AS/IC DNA

AS/IC DNA 10/24/94 10:00 AM + 100 mm

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